



Wire Bonder	HB05	HB10	HB16	HB30	HB100 R&D / HB100
Bonding Method	Wedge & Ball	Wedge & Ball	Wedge & Ball	Wedge	Wedge & Ball
Wire Size	17-75µm	17-75µm	17-75µm	100-500µm	17-75µm
Ribbon max.	25x250µm	25x250µm	25x250µm	300x2000µm	25x250µm
Type	Manual	Semi-Automatic	Semi-Automatic	Semi-Automatic	Automatic
Motorized Axis	-	Z-Axis	Z- & Y-Axes	Z- & Y-Axes	X- Y- Z- & R - Axes
Auto Height Setup	-	Yes	Yes	Yes	Yes
Loop Height Control	-	Yes	Yes	Yes	Yes
Loop Length Control	-	-	Yes	Yes	Yes
Pattern Function	-	-	-	-	Yes
Control Panel	4" TFT	6,5" Touch Screen	6,5" Touch Screen	6,5" Touch Screen	21" Touch Screen
X-Y Manipulator Ratio	6:1	6:1	6:1	6:1	Joystick
Program Storage	20	100	100	100	100
Ultrasonic Power	10 Watt	10 Watt	10 Watt	50 Watt	10 Watt
max. Bond Force	200 cN	150 cN	150 cN	1800 cN	150 cN
Bond Time	0-1 sec.	0-10 sec.	0-10 sec.	0-10 sec.	0-10 sec.
Ultrasonic System	63,3 kHz	63,3 kHz	63,3 kHz	60 kHz	63,3 kHz
Various Frq. available	-	Yes	Yes	-	Yes
Wire Clamp	motorized	motorized	motorized	-	motorized
Wire Termination	clamp	clamp	clamp / table tear	wire cutting	clamp / table tear
Dimensions (LxWxH)	550x450x250mm	680x640x500mm	680x640x500mm	680x640x570mm	620x750x680mm
Weight	29kg	42kg	42kg	50kg	72kg
Electrical Requirements	100-240 V / 6A max.	100-240V / 6A max	100-240V / 6A max.	100-240V / 6A max.	100-240V / 6A max.
Industry Standard	CE	CE	CE	CE	CE
Pick & Place Option	Yes	Yes	Yes	Yes	-
Video Target Option	Yes	Yes	Yes	Yes	-
Pull Tester Option	Yes	Yes	Yes	-	-
Copper Bonding Option	-	Yes	Yes	-	-
Extended Force Option	-	Yes	Yes	-	Yes

Die Bonder	HB75
Die Size max.	10x10mm
Placement View	Microscope
Type	Semi-Automatic
Motorized Axis	Z-Axis
Control Panel	6,5" Touch Screen
Bond Force Control	Programmable
max. Bond Force	150 cN
Vacuum Pump	Built-in
X-Y Manipulator Ratio	6:1
Fine Adjustment Screws	-
Adjustable View Angle	-
Rotatable Table	Yes
Epoxy Dispensing Option	Yes
Heater Stage Control	Yes
Bond Time Control	Yes
Auto Height Setup	Yes
Program Storage	Yes
Rotatable Head	Yes
Video Target Option	Yes
Extended Force Option	Yes
Dimensions (LxWxH)	680x640x500mm
Weight	42kg
Electrical Requirements	100-240V / 6A max
Industry Standard	CE

Specifications are subject to change without prior notice